

Akhtar Ali

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

850
citations

687363

13
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1070
citing authors

#	ARTICLE	IF	CITATIONS
1	The Transcriptional Corepressor HOS15 Mediates Dark-Induced Leaf Senescence in Arabidopsis. <i>Frontiers in Plant Science</i> , 2022, 13, 828264.	3.6	7
2	Non-Expresser of PR-Genes 1 Positively Regulates Abscisic Acid Signaling in Arabidopsis thaliana. <i>Plants</i> , 2022, 11, 815.	3.5	3
3	HKT sodium and potassium transporters in <i>Arabidopsis thaliana</i> and related halophyte species. <i>Physiologia Plantarum</i> , 2021, 171, 546-558.	5.2	50
4	HOS15-PWR chromatin remodeling complex positively regulates cold stress in Arabidopsis. <i>Plant Signaling and Behavior</i> , 2021, 16, 1893978.	2.4	10
5	ABAting the Response: A Novel ABA Signal Terminator that Disrupts the Hormone Co-receptor Complex. <i>Molecular Plant</i> , 2020, 13, 1241-1243.	8.3	0
6	The Histone-Modifying Complex PWR/HOS15/HD2C Epigenetically Regulates Cold Tolerance. <i>Plant Physiology</i> , 2020, 184, 1097-1111.	4.8	32
7	Chromatin remodeling complex HDA9-PWR-ABI4 epigenetically regulates drought stress response in plants. <i>Plant Signaling and Behavior</i> , 2020, 15, 1803568.	2.4	5
8	HOS15: A missing link that fine-tunes ABA signaling and drought tolerance in <i>Arabidopsis</i> . <i>Plant Signaling and Behavior</i> , 2020, 15, 1770964.	2.4	7
9	Ca ²⁺ Salt Signaling in Primary Root Architecture and Lateral Root Emergence in <i>Arabidopsis thaliana</i> . <i>Russian Journal of Plant Physiology</i> , 2020, 67, 515-520.	1.1	0
10	PWR/HDA9/ABI4 Complex Epigenetically Regulates ABA Dependent Drought Stress Tolerance in Arabidopsis. <i>Frontiers in Plant Science</i> , 2020, 11, 623.	3.6	43
11	The Auxin Signaling Repressor IAA8 Promotes Seed Germination Through Down-Regulation of ABI3 Transcription in Arabidopsis. <i>Frontiers in Plant Science</i> , 2020, 11, 111.	3.6	30
12	Arabidopsis HOS15 is a multifunctional protein that negatively regulate ABA-signaling and drought stress. <i>Plant Biotechnology Reports</i> , 2020, 14, 163-167.	1.5	11
13	Desensitization of ABA-Signaling: The Swing From Activation to Degradation. <i>Frontiers in Plant Science</i> , 2020, 11, 379.	3.6	69
14	Rheostatic Control of ABA Signaling through HOS15-Mediated OST1 Degradation. <i>Molecular Plant</i> , 2019, 12, 1447-1462.	8.3	58
15	Role and Functional Differences of HKT1-Type Transporters in Plants under Salt Stress. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1059.	4.1	78
16	Distributions of Invasive Weed Parthenium (<i>Parthenium hysterophorus</i> L.) in the University Campus Peshawar, Pakistan. <i>European Journal of Experimental Biology</i> , 2018, 08, .	0.3	4
17	Phytochemical analysis and antidiabetic potential of <i>Elaeagnus umbellata</i> (Thunb.) in streptozotocin-induced diabetic rats: pharmacological and computational approach. <i>BMC Complementary and Alternative Medicine</i> , 2018, 18, 332.	3.7	50
18	Arabidopsis NHX Transporters: Sodium and Potassium Antiport Mythology and Sequestration During Ionic Stress. <i>Journal of Plant Biology</i> , 2018, 61, 292-300.	2.1	12

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19	The High-Affinity Potassium Transporter EpHKT1;2 From the Extremophile <i>Eutrema parvula</i> Mediates Salt Tolerance. <i>Frontiers in Plant Science</i> , 2018, 9, 1108.	3.6	42
20	Salt stress tolerance; what do we learn from halophytes?. <i>Journal of Plant Biology</i> , 2017, 60, 431-439.	2.1	45
21	Differential selection of sodium and potassium ions by TsHKT1;2. <i>Plant Signaling and Behavior</i> , 2016, 11, e1206169.	2.4	9
22	A Single Amino-Acid Substitution in the Sodium Transporter HKT1 Associated with Plant Salt Tolerance. <i>Plant Physiology</i> , 2016, 171, 2112-2126.	4.8	93
23	Role of HKT1 in <i>Thellungiella salsuginea</i> , a model extremophile plant. <i>Plant Signaling and Behavior</i> , 2013, 8, e25196.	2.4	31
24	TsHKT1;2, a HKT1 Homolog from the Extremophile <i>Arabidopsis Relative Thellungiella salsuginea</i> , Shows K ⁺ Specificity in the Presence of NaCl. <i>Plant Physiology</i> , 2012, 158, 1463-1474.	4.8	161